

**From:** Dana Dean  
**To:** Gregg Galecki  
**Date:** 12/20/2005 4:35:38 PM  
**Subject:** Re: 3rd Quarter Water Monitoring

Gregg,

I have fixed the errors you mentioned in your other e-mail, and uploaded all of the information for Skyline from the pipeline into the database. A report is attached.

As a reminder, according to parameters set by the assigned hydrologist, you are still missing the following samples:

S23-4 Quarterly  
UT0023540-002 Jul, Aug, Sep  
UT0023540-003 Jul, Aug, Sep  
F-9 Jul, Aug flow  
F-10 Jul, Aug flow  
JC-1 Jul, Sep Flows  
ELD-1 Sep  
SRD-1 Sep  
JC-3 Jul, Aug  
S24-1 Quarterly  
EL-2 Quarterly

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.  
Senior Reclamation Hydrologist  
Utah Division of Oil, Gas, and Mining  
(801) 538-5320  
danadean@utah.gov

>>> "Galecki, Gregg" <GGalecki@archcoal.com> 12/20/2005 8:29 AM >>>

Pam,

I have uploaded my electronic water monitoring files into the Division 'pipeline'. Samples are ready for the database.

Dana - there are a few errors which I will discuss with you in a separate email.

Happy Holidays,  
Gregg

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OFFICIAL UPLOAD REPORT

=====

**OWNER: CANYON FUEL CO., LLC**  
**MINE: SKYLINE**

**SITE TYPE: Other: in mine, roof drippers**

SITE: CS-12  
NO FLOW Date: 08/18/2005 Time: 09:00

SITE: CS-13  
Laboratory: CHE 05 11864 Period:OPER  
Sample Date: 09/27/2005 Time: 14:45 Reported: 10/14/2005 Received: 09/30/2005

Laboratory: CTE 59-28051 Period:OPER  
Sample Date: 09/27/2005 Time: 14:46 Reported: 10/20/2005 Received: 09/28/2005

**SITE TYPE: Spring**

SITE: 2-413  
Laboratory: FLD 20050831-4 Period:OPER  
Sample Date: 08/31/2005 Time: 14:55 Reported: Received:

SITE: 3-290  
NO FLOW Date: 09/08/2005 Time: 15:15

SITE: S10-1  
Laboratory: CTE 59-27952 Period:OPER  
Sample Date: 09/07/2005 Time: 16:10 Reported: 10/17/2005 Received: 09/08/2005

Laboratory: FLD 20050907-A Period:OPER  
Sample Date: 09/07/2005 Time: 16:11 Reported: Received:

SITE: S12-1  
NO FLOW Date: 09/07/2005 Time: 18:00

SITE: S13-2  
Laboratory: FLD 20050927-1 Period:OPER  
Sample Date: 09/27/2005 Time: 17:10 Reported: Received:

SITE: S13-7  
Laboratory: FLD 20050907-1 Period:OPER  
Sample Date: 09/07/2005 Time: 18:30 Reported: Received:

Laboratory: CTE 59-27951 Period:OPER  
Sample Date: 09/07/2005 Time: 18:31 Reported: 10/17/2005 Received: 09/08/2005

SITE: S14-4  
Laboratory: FLD 20050907-2 Period:OPER  
Sample Date: 09/07/2005 Time: 15:10 Reported: Received:

SITE: S15-3  
Laboratory: FLD 20050908-4 Period:OPER  
Sample Date: 09/08/2005 Time: 11:30 Reported: Received:

SITE: S17-2  
Laboratory: CTE 59-28039 Period:OPER  
Sample Date: 09/26/2005 Time: 16:20 Reported: 10/20/2005 Received: 09/27/2005

Laboratory: FLD 20050926-2 Period:OPER  
Sample Date: 09/26/2005 Time: 16:21 Reported: Received:

SITE: S22-11  
Laboratory: FLD 20050914-2 Period:OPER  
Sample Date: 09/14/2005 Time: 14:50 Reported: Received:

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SITE: S22-5

Laboratory: FLD 20050914-1 Period:OPER  
Sample Date: 09/14/2005 Time: 15:30 Reported: Received:

SITE: S24-12

Laboratory: FLD 20050926-3 Period:OPER  
Sample Date: 09/26/2005 Time: 15:01 Reported: Received:

SITE: S26-13

Laboratory: FLD 20050914-3 Period:OPER  
Sample Date: 09/14/2005 Time: 16:40 Reported: Received:

SITE: S34-12

Laboratory: FLD 20050908-5 Period:OPER  
Sample Date: 09/08/2005 Time: 14:30 Reported: Received:

SITE: S35-8

Laboratory: FLD 20050914-4 Period:OPER  
Sample Date: 09/14/2005 Time: 18:30 Reported: Received:

SITE: S36-12

Laboratory: FLD 20050914-5 Period:OPER  
Sample Date: 09/14/2005 Time: 17:20 Reported: Received:

SITE: WQ1-39

Laboratory: CTE 59-27942 Period:OPER  
Sample Date: 09/06/2005 Time: 13:30 Reported: 10/04/2005 Received: 09/07/2005

SITE: WQ3-26

Laboratory: CTE 59-27973 Period:OPER  
Sample Date: 09/15/2005 Time: 15:20 Reported: 10/25/2005 Received: 09/16/2005

SITE: WQ3-41

Laboratory: CTE 59-27944 Period:OPER  
Sample Date: 09/06/2005 Time: 15:15 Reported: 10/04/2005 Received: 09/07/2005

SITE: WQ3-43

Laboratory: CTE 59-27943 Period:OPER  
Sample Date: 09/06/2005 Time: 14:15 Reported: 10/04/2005 Received: 09/07/2005

SITE: WQ3-6

Laboratory: CTE 59-27971 Period:OPER  
Sample Date: 09/15/2005 Time: 16:30 Reported: 10/11/2005 Received: 09/16/2005

SITE: WQ4-12

Laboratory: CTE 59-27970 Period:OPER  
Sample Date: 09/15/2005 Time: 16:00 Reported: 10/11/2005 Received: 09/16/2005

**SITE TYPE: Stream**

SITE: CS-1

Laboratory: CHE 05 11862 Period:OPER  
Sample Date: 09/26/2005 Time: 17:10 Reported: 10/14/2005 Received: 09/30/2005

Laboratory: CTE 59-28034 Period:OPER  
Sample Date: 09/26/2005 Time: 17:11 Reported: 10/20/2005 Received: 09/27/2005

SITE: CS-10

Laboratory: FLD 20050908-3 Period:OPER  
Sample Date: 09/08/2005 Time: 12:00 Reported: Received:

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SITE: CS-11

Laboratory: CHE 05 11857 Period:OPER  
Sample Date: 09/26/2005 Time: 17:50 Reported: 10/14/2005 Received: 09/30/2005  
  
Laboratory: CTE 59-28036 Period:OPER  
Sample Date: 09/26/2005 Time: 17:51 Reported: 10/25/2005 Received: 09/27/2005

SITE: CS-15

NO FLOW Date: 09/26/2005 Time: 15:00

SITE: CS-16

Laboratory: FLD 20050908-6 Period:OPER  
Sample Date: 09/08/2005 Time: 13:00 Reported: Received:

SITE: CS-17

Laboratory: FLD 20050908-7 Period:OPER  
Sample Date: 09/08/2005 Time: 12:40 Reported: Received:

SITE: CS-18

Laboratory: FLD 20050908-8 Period:OPER  
Sample Date: 09/08/2005 Time: 13:50 Reported: Received:

SITE: CS-19

Laboratory: CTE 59-27946 Period:OPER  
Sample Date: 09/06/2005 Time: 16:00 Reported: 10/04/2005 Received: 09/07/2005

SITE: CS-20

Laboratory: CTE 59-27969 Period:OPER  
Sample Date: 09/15/2005 Time: 13:50 Reported: 10/25/2005 Received: 09/16/2005

SITE: CS-21

Laboratory: CTE 59-27945 Period:OPER  
Sample Date: 09/06/2005 Time: 15:45 Reported: 10/17/2005 Received: 09/07/2005

SITE: CS-22

Laboratory: FLD 20050923-1 Period:OPER  
Sample Date: 09/23/2005 Time: 17:30 Reported: Received:

SITE: CS-23

Laboratory: FLD 20050923-2 Period:OPER  
Sample Date: 09/23/2005 Time: 17:00 Reported: Received:

SITE: CS-3

Laboratory: CHE 05 11855 Period:OPER  
Sample Date: 09/27/2005 Time: 17:00 Reported: 10/14/2005 Received: 09/30/2005  
  
Laboratory: CTE 59-28044 Period:OPER  
Sample Date: 09/27/2005 Time: 17:01 Reported: 10/20/2005 Received: 09/28/2005

SITE: CS-4

Laboratory: CHE 05 11863 Period:OPER  
Sample Date: 09/15/2005 Time: 17:50 Reported: 10/14/2005 Received: 09/30/2005  
  
Laboratory: CTE 59-27972 Period:OPER  
Sample Date: 09/15/2005 Time: 17:51 Reported: 10/11/2005 Received: 09/16/2005

SITE: CS-6

Laboratory: CHE 05 11856 Period:OPER  
Sample Date: 09/26/2005 Time: 15:45 Reported: 10/14/2005 Received: 09/30/2005  
  
Laboratory: CTE 59-28038 Period:OPER  
Sample Date: 09/26/2005 Time: 15:46 Reported: 10/26/2005 Received: 09/27/2005

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SITE: CS-7

Laboratory: FLD 20050908-1 Period:OPER  
Sample Date: 09/08/2005 Time: 16:30 Reported: Received:

SITE: CS-8

Laboratory: FLD 20050908-2 Period:OPER  
Sample Date: 09/08/2005 Time: 11:45 Reported: Received:

SITE: CS-9

Laboratory: CTE 59-28043 Period:OPER  
Sample Date: 09/27/2005 Time: 16:50 Reported: 10/20/2005 Received: 09/28/2005

SITE: EL-1

Laboratory: FLD 20050914-7 Period:OPER  
Sample Date: 09/14/2005 Time: 16:30 Reported: Received:

SITE: F-10

Laboratory: FLD 20050915-2 Period:OPER  
Sample Date: 09/15/2005 Time: 16:00 Reported: Received:

Laboratory: CTE 59-27974 Period:OPER  
Sample Date: 09/15/2005 Time: 16:30 Reported: 10/11/2005 Received: 09/16/2005

SITE: F-9

Laboratory: FLD 20050915-1 Period:OPER  
Sample Date: 09/15/2005 Time: 16:00 Reported: Received:

SITE: MC-1

Laboratory: CTE 59-28048 Period:OPER  
Sample Date: 09/27/2005 Time: 14:10 Reported: 10/17/2005 Received: 09/28/2005

SITE: MC-2

Laboratory: CTE 59-28050 Period:OPER  
Sample Date: 09/27/2005 Time: 13:35 Reported: 10/17/2005 Received: 09/28/2005

SITE: MC-3

Laboratory: CTE 59-28047 Period:OPER  
Sample Date: 09/27/2005 Time: 12:00 Reported: 10/17/2005 Received: 09/28/2005

SITE: MC-4

Laboratory: CTE 59-28046 Period:OPER  
Sample Date: 09/27/2005 Time: 12:45 Reported: 10/17/2005 Received: 09/28/2005

SITE: MC-5

Laboratory: CTE 59-28049 Period:OPER  
Sample Date: 09/27/2005 Time: 14:00 Reported: 10/17/2005 Received: 09/28/2005

SITE: MC-6

Laboratory: CTE 59-28045 Period:OPER  
Sample Date: 09/27/2005 Time: 13:15 Reported: 10/17/2005 Received: 09/28/2005

SITE: UPL-10

Laboratory: CTE 59-27957 Period:OPER  
Sample Date: 09/08/2005 Time: 18:45 Reported: 10/04/2005 Received: 09/09/2005

SITE: VC-10

Laboratory: CHE 05 11860 Period:OPER  
Sample Date: 09/26/2005 Time: 17:00 Reported: 10/14/2005 Received: 09/30/2005

Laboratory: CTE 59-28035 Period:OPER  
Sample Date: 09/26/2005 Time: 17:01 Reported: 10/20/2005 Received: 09/27/2005

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SITE: VC-11

Laboratory: FLD 20050927-2 Period:OPER  
Sample Date: 09/27/2005 Time: 15:30 Reported: Received:

SITE: VC-12  
NO FLOW Date: 09/27/2005 Time: 15:15

SITE: VC-6  
Laboratory: CHE 05 11859 Period:OPER  
Sample Date: 09/26/2005 Time: 15:00 Reported: 10/14/2005 Received: 09/30/2005

Laboratory: CTE 59-28037 Period:OPER  
Sample Date: 09/26/2005 Time: 15:01 Reported: 10/20/2005 Received: 09/27/2005

SITE: VC-9  
Laboratory: CHE 05 11858 Period:OPER  
Sample Date: 09/27/2005 Time: 15:00 Reported: 10/14/2005 Received: 09/30/2005

Laboratory: CTE 59-28041 Period:OPER  
Sample Date: 09/27/2005 Time: 15:01 Reported: 10/20/2005 Received: 09/28/2005

SITE: WRDS #1  
NO FLOW Date: 09/27/2005 Time: 11:00

SITE: WRDS #2  
NO FLOW Date: 09/27/2005 Time: 11:00

SITE: WRDS #3  
NO FLOW Date: 09/27/2005 Time: 11:00

SITE: WRDS #4  
NO FLOW Date: 09/27/2005 Time: 11:00

**SITE TYPE: UPDES Permit discharge point**

SITE: JC-3  
NO FLOW Date: 09/27/2005 Time: 11:00

SITE: UT0023540-001  
Laboratory: CTE 59-27705 Period:UPDS  
Sample Date: 07/06/2005 Time: Reported: 07/26/2005 Received: 07/07/2005

Laboratory: CTE 59-27715 Period:UPDS  
Sample Date: 07/14/2005 Time: 15:10 Reported: 08/03/2005 Received: 07/15/2005

Laboratory: CTE 59-27718 Period:UPDS  
Sample Date: 07/20/2005 Time: 14:30 Reported: 08/11/2005 Received: 07/21/2005

Laboratory: CTE 59-27811 Period:UPDS  
Sample Date: 08/03/2005 Time: 11:10 Reported: 08/17/2005 Received: 08/03/2005

Laboratory: CTE 59-27832 Period:UPDS  
Sample Date: 08/10/2005 Time: 10:17 Reported: 08/18/2005 Received: 08/10/2005

Laboratory: CTE 59-27872 Period:UPDS  
Sample Date: 08/16/2005 Time: Reported: 08/26/2005 Received: 08/17/2005

Laboratory: CTE 59-27892 Period:UPDS  
Sample Date: 08/24/2005 Time: 14:10 Reported: 09/09/2005 Received: 08/25/2005

Laboratory: CTE 59-27911 Period:UPDS  
Sample Date: 08/30/2005 Time: 10:25 Reported: 09/05/2005 Received: 08/30/2005

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Laboratory: CTE 59-27948 Period:UPDS  
Sample Date: 09/07/2005 Time: 06:16 Reported: 10/17/2005 Received: 09/07/2005

Laboratory: CTE 59-27966 Period:UPDS  
Sample Date: 09/14/2005 Time: 10:20 Reported: 09/28/2005 Received: 09/14/2005

Laboratory: CTE 59-27980 Period:UPDS  
Sample Date: 09/21/2005 Time: Reported: 10/04/2005 Received: 09/21/2005

Laboratory: CTE 59-28054 Period:UPDS  
Sample Date: 09/28/2005 Time: 11:35 Reported: 10/17/2005 Received: 09/28/2005

**SITE TYPE: Well**

SITE: 92-91-03  
Laboratory: CTE 59-28042 Period:OPER  
Sample Date: 09/27/2005 Time: 11:30 Reported: 10/20/2005 Received: 09/28/2005

SITE: JC-1  
Laboratory: CTE 59-27870 Period:OPER  
Sample Date: 08/10/2005 Time: 11:45 Reported: 08/19/2005 Received: 08/13/2005

SITE: JC-1 AGE DATING  
Laboratory: OTH BYU#3998 Period:04  
Sample Date: 02/18/2005 Time: 12:02 Reported: 04/13/2005 Received: 02/20/2005

Laboratory: OTH BYU#4080 Period:04  
Sample Date: 06/28/2005 Time: 12:02 Reported: 08/30/2005 Received: 07/05/2005

Laboratory: OTH GX-31991 Period:04  
Sample Date: 09/15/2005 Time: 12:02 Reported: 10/11/2005 Received: 09/06/2005

SITE: W2-1  
Laboratory: FLD 20050831-5 Period:OPER  
Sample Date: 08/31/2005 Time: 14:06 Reported: Received:

SITE: W20-28-1  
Laboratory: FLD 20050907-9 Period:OPER  
Sample Date: 09/07/2005 Time: 14:00 Reported: Received:

SITE: W20-4-1  
Laboratory: FLD 20050907-4 Period:OPER  
Sample Date: 09/07/2005 Time: 17:15 Reported: Received:

SITE: W20-4-2  
Laboratory: FLD 20050907-5 Period:OPER  
Sample Date: 09/07/2005 Time: 16:45 Reported: Received:

SITE: W79-10-1b  
Laboratory: FLD 20050910-1 Period:OPER  
Sample Date: 09/10/2005 Time: 17:45 Reported: Received:

SITE: W79-14-2a  
Laboratory: FLD 20050926-1 Period:OPER  
Sample Date: 09/26/2005 Time: 12:00 Reported: Received:

SITE: W79-26-1  
Laboratory: FLD 20050914-6 Period:OPER  
Sample Date: 09/14/2005 Time: 18:00 Reported: Received:

SITE: W79-35-1A  
Laboratory: FLD 20050831-3 Period:OPER  
Sample Date: 08/31/2005 Time: 20:03 Reported: Received:



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SITE: W79-35-1B  
Laboratory: FLD 20050907-3    Period:OPER  
Sample Date: 09/06/2005    Time: 19:00    Reported:    Received:

SITE: W91-26-1  
Laboratory: FLD 20050906-1    Period:OPER  
Sample Date: 09/06/2005    Time: 12:15    Reported:    Received:

SITE: W91-35-1  
Laboratory: FLD 20050906-2    Period:OPER  
Sample Date: 09/06/2005    Time: 13:45    Reported:    Received:

SITE: W99-21-1  
Laboratory: FLD 20050907-7    Period:OPER  
Sample Date: 09/07/2005    Time: 13:00    Reported:    Received:

SITE: W99-28-1  
Laboratory: FLD 20050907-8    Period:OPER  
Sample Date: 09/07/2005    Time: 15:00    Reported:    Received:

SITE: W99-4-1  
Laboratory: FLD 20050907-6    Period:OPER  
Sample Date: 09/07/2005    Time: 17:50    Reported:    Received: